Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee - Nelson Bend		0.50	09/18/2018 09/18/2018	Sterling York

	Rating **	Α	Issue No.		9	
	Issue Type +	Ma	Location * CR			
Category Earthen Levee			GPS La	atitud	e/Longitude	
			Start		End	
Operation	nce		0		0	
Manuals				0		0
DWR ID DWR_ST0006_01_s _ 2014_9						
	Comn	nent Cod	de			
	Inspecto	or Comm	nent			
Sutter Maintenance Yard has copies of the O&M manuals.						
•						
	Operations Manuals DWR_ST00	Issue Type + Earthen Levee Operations & Maintenar Manuals DWR_ST0006_01_s _ 201 Comn	Issue Type + Ma Earthen Levee Operations & Maintenance Manuals OWR_ST0006_01_s _ 2014_9 Comment Coo	Issue Type + Ma Location * Earthen Levee GPS La Start Operations & Maintenance Manuals OWR_ST0006_01_s _ 2014_9 Comment Code Inspector Comment	Issue Type + Ma Location * Earthen Levee GPS Latitud Start Operations & Maintenance Manuals OWR_ST0006_01_s _ 2014_9 Comment Code Inspector Comment	Issue Type + Ma Location * CR Earthen Levee GPS Latitude/Longitude Start End Operations & Maintenance Manuals OWR_ST0006_01_s _ 2014_9 Comment Code Inspector Comment

No Photos

LM Start		Rating **	Α	Issue No.		10	
LM End		Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Emergency Supplies &				0		c
пеш	Equipmen	nt			0		c
DWR ID	4_10						
Comment Code							

No Photos

Inspector Comment
Sutter Maintenance Yard has flood fight supplies on hand at their equipment yard.

LM Start		Rating **	Α	Issue No.		11	
LM End		Issue Type +	Ма	Location *		CR	
Category Earthen Levee			GPS La	atituc	de/Longitude		
Calegory				Start		End	
Item	Flood Pre	paredness &	Training		0		0
пеш				0		0	
DWR ID DWR_ST0006_01_s _ 2014_11							
		Comn	nent Cod	le			
			_				
	Inspector Comment						
Sutter Maintenance Yard has attended flood fight training.							

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

CR : Crown

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee - Nelson Bend		0.50	09/18/2018 09/18/2018	Sterling York

LM Start	0.02	Rating **	U	Issue No. 15		15	
LM End	0.42	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory	Calegory					End	
Item	Vegetatio	n		38.8868	83 °	38.881287°	
item				-121.6147	97°	-121.614490 °	
DWR ID DWR_ST0006_01_f _ 2015_15							
	Comment Code						

 $\ensuremath{\text{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the annual vegetation and wild growth. Fall 2018.

LM Start	0.02	Rating **	U	Issue No.	15 (cont)
LM End	0.42	Issue Type +	Ma	Location *	WS



View of the vegetation along the waterside slope looking downstream, Fall 2018.

Photo 2 of 2: FA_2018_ST0006_471_15_20180918_00006.jpg



View of the vegetation along the waterside slope looking downstream, Spring 2018.

LM Start	0.02	Rating **	U	Issue No.		2	
LM End	0.46	Issue Type +	Ma	Location *	LS		
Category	evee	GPS La	atitud	e/Longitude			
Calegory	Category			Start		End	
Item	Vegetatio	Vegetation			83°	38.880833 °	
пеш				-121.6147	97°	-121.614387°	
DWR ID	DWR_ST0	006_01_f _ 201	5_2				
Comment Code							
V2 : Remove the wild growth other than native grasses from the levee							

slopes.

Inspector Comment

Remove the annual vegetation and wild growth. Fall 2018.



View of the vegetation along the landside slope looking downstream, Fall 2018.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee - Nelson Bend		0.50	09/18/2018 09/18/2018	Sterling York

LM Start	0.02	Rating **	U	Issue No.		2 (cont)
LM End	0.46	Issue Type +	Ма	Location *		LS
Category	evee	GPS La	titud	le/Longitude		
Calegory	Category					End
Item	Vegetatio	n		38.8868	83 °	38.880833°
пеш				-121.6147	97°	-121.614387°
DWR ID	DWR ID DWR_ST0006_01_f _ 2015_2					

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the annual vegetation and wild growth. Fall 2018.



View of the vegetation along the landside slope looking downstream, Spring 2018.

LM Start	0.06	Rating **	М	Issue No.	4	
LM End	0.06	Issue Type +	Ма	Location *	WS	
Category Earthen Levee				GPS La	tituc	le/Longitude
Category		Start		End		
Item	Vegetatio	n		38.8862	77°	38.886277°
пеш				-121.61512	29°	-121.615129°
DWR ID DWR_ST0006_01_s _ 2012_4						
Comment Code						

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Elderberries are partially blocking visibility.

No Photos

LM Start	0.13	Rating **	U	Issue No.	1		
LM End	0.50	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.8853	96°	38.880295	0
пеш	em				95 °	-121.614147	0
DWR ID DWR_ST0006_01_f _ 2017_1							
Comment Code							

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim up the trees 5 feet for access and visibility, Fall 2018.



View looking downstream waterside of the over growth of trees, Fall 2018.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee - Nelson Bend		0.50	09/18/2018 09/18/2018	Sterling York

LM Start	0.13	Rating **	U	Issue No.		1 (cont)
LM End	0.50	Issue Type +	Ма	Location *	Location *	
Category	GPS Latitude/Longitude					
Calegory			Start		End	
Item	Trim / Thi	n Trees		38.8853	96°	38.880295°
пеш		-121.6155	95 °	-121.614147°		
DWR ID	DWR_ST0	006_01_f _ 2017	7_1			·

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim up the trees 5 feet for access and visibility, Fall 2018.





View looking downstream waterside of the over growth of trees, Spring

LM Start	0.13	Rating **	U	Issue No.		3
LM End	0.50	Issue Type +	Ma	Location *	LS	
Category	Earthen L		GPS Latitude/Longitude			
Calegory			Start		End	
Item	Trim / Thi	n Trees		38.8853	96°	38.880295 °
item				-121.6155	95°	-121.614147°
DWR ID DWR_ST0006_01_f _ 2017_3						
		_				

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim up the trees 5 feet for access and visibility, Fall 2018.

LM Start	0.13	Rating **	U	Issue No.	3 (cont)
LM End	0.50	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2018_ST0006_471_3_20181003_00017.jpg



View looking downstream landside of the over growth of trees, Fall 2018.

Photo 2 of 2: FA_2018_ST0006_471_3_20180918_00003.jpg



View looking downstream landside of the over growth of trees, Spring 2018.

Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence CR : Crown U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee - Nelson Bend		0.50	09/18/2018 09/18/2018	Sterling York

LM Start	0.15	Rating **	М	Issue No.		5	
LM End	0.15	Issue Type +	Ma	Location *		WS	
Earthen Levee			GPS La	titud	le/Longitude		
Category			Start		End		
Item	Vegetation			38.8851	00°	38.885100 °	
пеш				-121.61572	22 °	-121.615722°	
DWR ID	DWR_ST0	006_01_s _ 201	2_5				
	Comment Code						
V4 : Elderberries are blocking visibility and flood fight capability.							

Inspector Comment

Elderberries are partially blocking visibility.

No Photos

LM Start	0.16	Rating **	М	Issue No.		12		
LM End	0.16	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS La	titud	le/Longitude		
				Start		End		
Item	Vegetatio	n		38.8849	46°	38.884946 °		
пеш				-121.6157	61 °	-121.615761 °		
DWR ID DWR_ST0006_01_s _ 2015_12								
	Comment Code							

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Elderberries are partially blocking visibility.

No Photos

LM Start	0.18	Rating **	M	Issue No.	13			
LM End	0.18	Issue Type +	Ma	Location *	WS			
Category	Earthen L	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Vegetatio	n		38.88457	7°	38.884577	0	
item				-121.61576	i1°	-121.615761	0	
DWR ID	DWR_ST00	006_01_s _ 201	5_13					
Comment Code								

Comment Code

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Elderberries are partially blocking visibility.

No Photos

* Location LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee - Nelson Bend		0.50	09/18/2018 09/18/2018	Sterling York

LM Start	0.21	Rating **	М	Issue No.		14			
LM End	0.21	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Calegory				Start		End			
Item	Vegetatio	n		38.8841	51 °	38.884151 °			
пеш			-121.6157	32°	-121.615732°				
DWR ID	DWR ID DWR_ST0006_01_s _ 2015_14								
		Comn	nent Coo	de					
V4 : Elderk	perries are	blocking visib	ility and	flood fight	сара	ability.			
		Inspecto	or Comm	nent					
Elderberrie	Elderberries are partially blocking visibility.								

No Photos

Issue No. Rating ** 0.34 Μ LM Start 6 0.34 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.882398° 38.882398 ° Item -121.614966 ° -121.614966 ° DWR_ST0006_01_s _ 2012_6 DWR ID Comment Code V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

Elderberries are partially blocking visibility.

* Location LS: Land Side

N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence